

Handbook 2020

Coursecode

C1127

GRADUATE CERTIFICATE IN ENVIRONMENTAL SCIENCE

Murdoch University

Correct as at: 6 December 2019 at 6:00am

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TEQSA Number PRV12163; CRICOS Provider Code: 00125J

Cancellation of Courses, Majors, Minors and Units

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

Alternative Formats

Handbook home page:

<http://handbook.murdoch.edu.au>

This publication can also be provided in alternative formats by contacting the Equity and Social Inclusion Office at Murdoch University

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ISSN 0815-9068

Published by

University Secretary's Office

Murdoch University



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| Group | Course | Offerings |
|--|--|--|
| Graduate Coursework Degrees and Professional Doctorates | | |
| Environmental Science | Graduate Certificate in Environmental Science (GradCertEnvSc) | <ul style="list-style-type: none"> • Murdoch campus (internal) • Murdoch campus (external) (some attendance is required in individual units) • International students must commence in Semester 2 only. |

ENVIRONMENTAL SCIENCE

GRADUATE CERTIFICATE IN ENVIRONMENTAL SCIENCE (GRADCERTENVSC)

Special Requirements:

This course is available externally, although some attendance is required in individual units. Internet access is required for students studying externally; exceptions will be considered on a case-by-case basis.

Admission Requirements (Onshore):

A recognised Bachelor Degree (AQF Level 7) in Environmental Science, Marine Science, Biological Science, Conservation Science or a closely related field of education.

Restriction: All graduate courses are subject to restriction.

Employment Prospects:

This course is relevant to those who wish to practise in environmental science in the public and private sectors, in Australia and overseas.

Further Study:

Students who successfully complete the Graduate Certificate in Environmental Science may apply for admission to the Master of Environmental Science.

Graduate Certificate in Environmental Science (GradCertEnvSc)

Duration: 1 semester full-time or part-time equivalent

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The course is designed to provide Australian and international environmental professionals with an introduction to advanced topics and skills in environmental science. The flexibility and interdisciplinary approach of the program gives students the opportunity to further develop problem solving skills. Completion of the Graduate Certificate in Environmental Science provides the opportunity for further study at progressive graduate levels in Environmental Science.

Availability:

- Murdoch campus (internal)
Murdoch campus (external) (some attendance is required in individual units)
International students must commence in Semester 2 only.

Environmental Science

Course Structure - 12 credit points

Core Units - 6 credit points

ENV558 Environmental Monitoring - 3 points
MURDOCH: S2-internal, S2-external

ENV303 GIS for Environmental Management and Planning - 3 points
MURDOCH: S2-internal (quota of 70 places), S2-external (quota of 20 places)

Specified Electives - 6 credit points

Select from the following:

ENV526 Advanced Ecology - 3 points
Not available this year

ENV527 Environmental Science Topics - 3 points
MURDOCH: S1-internal, S1-external

ENV536 Education for Sustainability - 3 points
MURDOCH: S2-internal, S2-external

ENV552 Comparative Environmental Policy and Law - 3 points
MURDOCH: S1-internal, S1-external

ENV539 Marine Science Topics - 3 points

PREREQUISITES

Advanced Ecology (ENV526)

Enrolment in Bachelor of Marine Science or Graduate Certificate in Environmental Assessment and Management or Graduate Certificate in Environmental Science or Graduate Diploma in Environmental Science.

Comparative Environmental Policy and Law (ENV552)

Enrolment in a graduate-level (AQF level 8) course.

Education for Sustainability (ENV536)

Enrolment in Graduate Certificate in Environmental Science or Graduate Certificate in Protected Area Administration or Graduate Diploma in Environmental Science or Bachelor of Marine Science or Master of Sustainable Development, or Doctor of Education, or Masters in Education, or Graduate Diploma in Education.

Environmental Monitoring (ENV558)

Enrolment in Bachelor Environmental Science or Bachelor Marine Science or Graduate Certificate in Environmental Science or Graduate Certificate in Protected Area Administration or Graduate Diploma in Energy and the Environment or Graduate Diploma in Environmental Science.

Environmental Science Topics (ENV527)

Enrolment in Bachelor of Marine Science or Graduate Certificate in Environmental Assessment and Management or Graduate Certificate in Environmental Science or Graduate Certificate in Protected Area Administration or Graduate Diploma in Environmental Science.

GIS for Environmental Management and Planning (ENV303)

Completion of 24 points or enrolment in an appropriate graduate qualification.

Marine Science Topics (ENV539)

Enrolment in a graduate-level (AQF level 8) Science course.